

Lodi Citizen's Monitoring - Lodi, California

MAY 2005

Weather:

Clear, light breeze, temperature 27 C (80 F)

Water had some cloudiness and some, olive-brown, green color reported.

Woodbridge Dam in operation, River level up, Lodi Lake with water.

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	13-May-05 Grade:	13:12	7.3 A	15.3 C A	59.5 F	8.5 A	2.0 ntu A	40 A	0 A	
Site # 2 River near Casa de Lodi	13-May-05 Grade:	13:29	7.2 A	13.7 C A	56.7 F	8.9 A	1.8 ntu A	40 A	0 A	
Site # 3 River at Mokelumne River Dr.	13-May-05 Grade:	15:40	7.2 A	14.2 C A	57.6 F	10.4 A	3.0 ntu A	50 A	0 A	
Site # 4 River at "Scenic Overlook" Awani Dr.	13-May-05 Grade:	16:00	7.2 A	15.3 C A	59.5 F	10.3 A	10.0 B	50 A	0 A	
Site # 5 River, Glen Beach Edgewood Dr.	13-May-05 Grade:	15:40	8 A	14.7 C A	58.5 F	10.1 A	6.5 ntu B	40 A	NA	
Site # 6 River, N/O Pigs Lake	13-May-05 Grade:	15:30	7.5 A	15.8 C A	60.4 F	9.8 A	11.5 ntu B	40 A	NA	
Site # 7 River, near Gazebo N/O Lodi Lake	13-May-05 Grade:	15:00	8.3 B	15.2 C A	59.4 F	9.5 A	NA	50 A	0 A	pH solution -> 7.0
Site # 7A East end (S/o SD) Lodi Lake	13-May-05 Grade:	16:00	8.3 B	22.1 C C	71.8 F	12.8 A	NA	50 A	0 A	
Site # 8 Lodi Lake above last Storm Drain	13-May-05 Grade:	15:40	7.8 A	15.7 C A	60.3 F	9.6 A	6.0 ntu B	40 A	0 A	Sea-Doo passed by just before DO sampling DO meter out of order.
Site # 9A River below WID Dam	13-May-05 Grade:	16:05	7.5 A	15.3 C A	59.5 F	10.1 A	12.8 ntu B	50 A	0 A	DO for Sites 8 & 9 were read later with another DO meter.

NA = Not Analyzed (equipment problems)

* High turbidity interfere with D.O. measurement

GRADE:	pH	Temp	D.O.	Turbidity	TDS	Nitrates
A	7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
B	6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3
C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000	6 - 10
F	<5.5, >9.5		< 55%Sat., <5.0mg/L	> 150	> 1000	> 10